PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
uction Act of 1995, no persons are required to respond to a collection of information unless it contains a vaid OMB control number.

Substitute for form

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 10/783.304

Filling Date February 20, 2004

First Named Inventor NORMAN HERRON

Group Art Unit 1758 /626

Examiner Name UNKNOWN NOLAN

Attorney Docket Number UC0412USNA

(use as many sheets as necessary)

Sheet 1 of

JUN 2 5 200

U.S. PATENT DOCUMENTS **Document Number Publication Date** Name of Patentee or Pages, Columns, Lines, Where Examiner MM-DD-YYYY **Applicant of Cited Document** Relevant Passages or Relevant Initials ' No. Number - Kind Code<sup>2</sup> (if known) Figures Appear JMN 04-23-2002 6,376,695 B1 Kushibiki et al. us-6,558,818 B1 05-06-2003 MIN Samuel et al. JMN US -6,143,452 A 11-07-2000 Sakimura et al. 10-17-2000 US -6,132,913 A Fuller et al. IM 6,107,452 A US -08-22-2000 Miller et al. <u> 1M</u> JM US -6,107,439 A 08-22-2000 Yanus et al. US -6,020,426 A 02-01-2000 Yamaguchi et al. W US -5,994,573 A 11-30-1999 Tachikawa et al. US -5,929,194 A 07-27-1999 Jam Woo et al. US -5,677,097 A 10-14-1997 Nukada et al. JWM US -4,086,209 04-25-1978 Hara et al. us -2004/0004433 A1 01-08-2004 Lamansky et al. <u>ML</u> 7War US -2003/0232264 A1 12-18-2003 Tokarski et al. JWN us -2003/0225234 A1 12-04-2003 Jaycox et al. US -12-04-2003 MYL 2003/0224205 A1 Li et al. MUS -2003/0162053 A1 08-28-2003 Marks et al. JW US -2003/0099862 A1 05-29-2003 O'Neill et al. MML 2001/0017155 A1 US -08-30-2001 Bellmann et al. US -US-

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		CountryCode <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				Τø	
JMN		EP 1 284 258 A2	02-19-2003	Merck Patent GmbH			
JMN		EP 1 154 331 A1	11-14-2001	Xerox Corporation			
					· .		
			1				

Examiner Signature Date Considered 3-19-2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patient Documents at <a href="https://www.uspto.com/www.uspto.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JUN 2 5 2004 W

PTO/SB/08b (08-03)
Approved for use through 08/30/2008. 0MB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B Complete If Known Application Number 10/783,304 INFORMATION DISCLOSURE Filing Date February 20, 2004 STATEMENT BY APPLICANT First Named Inventor Norman Herron Et. Al. Art Unit 1626 (Use as many sheets as necessary) Examiner Name Attorney Docket Number UC0412USNA Sheet

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>			
Jun		BACHER, ANDREAS et al., Photo-Corss-Linked Triphenylenes as Novel Insoluble Hole Transport Materials in Organic LEDs, Macromolecules, 1999, 4551-4557, 32, American Chemical Society				
JMN		NUYKEN, OSKAR et al., Crosslinkable hole- and electron-transport materials for application in organic light emitting devices (OLEDs), Designed Monomers and Polymers, 2002, 195-210, 5(2,3)				
Examiner Signature		Date Considered 3-17-2006				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unjque citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collectary of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

OCT 9 1 2005 W

PTO/SB/08A (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known					
Application Number	10/783304				
Filing Date	February 20, 2004				
First Named Inventor	NORMAN HERRON				
Group Art Unit	1756- 162.6				
Examiner Name	WHASSIGNED NOLAN				
Attorney Docket Number	UC0412USNA				

U.S. PATENT DOCUMENTS							
Examiner Initials *	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
JMN	1	US-	2002/057050 A1	05-16-2002	SHI XIAOBO	M	
		US -					
		US-					
		US-					
		US-					
		US-					
	•	US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
1		US-					

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear		
		CountryCode <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			Te	
VMN	1	WO 2004/005406 A	01-15-2004	DUPONT			
JMN	2	WO 02/01653 A	01-03-2002	EMAGIN CORPORATION			
JW	3	EP 1 464 691 A	10-06-2004	KONICA MINOLTA HOLDINGS INC.			

Examiner Signature	144	Date Considered	3-19-2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 8 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/06A (UB/05)

Approved for use through (US-073) 2008 CMB 0651-0031

U.S. Patent and Trademark Circle; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a colocion of thermalism unless & contents a valid CMB outstoll number. Substitute for form 1449/PTO Complete if Known INFORMATION DISCLOSURE Application Number 10/783,304 Filing Date STATEMENT BY APPLICANT February 20, 2004 First Named Inventor Norman Herron Et. Al. (Line as many shoots as necessary) Art Unit 4750 1626 NOLAN Exeminer Name Sheat of Attorney Oocket Number | UC0412USNA U. B. PATENT DOCUMENTS Examina CILIS Document Number Publication Date Initials No.1 Name of Patentee or Peges, Cotumns, Lines, Where Relevant Passages or Relevant Number-Kind Code 2 (Finance MMODYYYY Applicant of Cited Document JM US 5,652,087 A Figures Appear 07-29-1997 JAN Ito et al. US 2002/0050597 A1 05-02-2002 Hirose et al. MML U8-2002/0055014 A1 05-09-2002 Okada et al. UŞ. UŞ. UB-110 US. UB UR VB. UŞ. US-UŞ. US-US OREGNIPATENT DOCUMENTS Cita Foreign Patent Document Publication Daile MM-DD-YYYY Name of Paterties or Pages, Columns, Unes. Where Relevant Passan Applicant of Cited Document Country Code \* "Number \*- Wild Code" (if Implying or Relavant Figures Appear Date Considered 3-19-2006

EXAMINER: initial inference considered, whether or not distion is in conformance with MPEP 609. Draw line through cliation if not in conformance and not userior considered, undust copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinda Codes of USPTO Potent Documents at were useful or of MPEP 801.94. Enter Office that inique citation designation number (optional). See Kinda Codes of Japaneses patent documents, the indication of the year of the Emperor must precede the serial number of the patent document. "One of observation of the patent document." One of document by the spongrate as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language.

Trais collection of information is required by 37 CPR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to 69 (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 1.22 and 37 CPR 1.14. This collection is estimated to take 2 hours to completed application form to the USPTOT. This will very depending upon the individual case. Any commanise and Trademark Office, P.D. Box 1450, Absundfal, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Commissioner for Patents, P.O. Box 1450, Arcatandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number

Substitute for form 1449A/PTO Complete if Known **Application Number** 10/783304 INFORMATION DISCLOSURE Filing Date February 20, 2004 STATEMENT BY APPLICANT First Named Inventor NORMAN HERRON Group Art Unit 4756- 1626 UNASSIGNED NOLAN **Examiner Name** (Use as many sheets as necessary)

Sheet	1 1	Of 1 Attorney Docket Number   UC0412USNA	
		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
JMN	1	M. THELAKKAT ET AL., Synthesis and Properties of Novel Hole Transport Materials for Electroluminescent Devices, Macromotecular Symposia, Wiley VCH, Weinheim, DE, Vol. 125:157-164, 1998, XP000738958	
JMN	2	INTERNATIONAL SEARCH REPORT & WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY DATED: June 30, 2005, INTERNATIONAL APPLN. NO. PCT/US2005/005584, INTERNATIONAL FILING DATE: FEBRUARY 17, 2005, 12 PAGES	
		·	
(Ever-in-		Date	
Examiner	• 1	Date	

3-17-2006 Considered Signature \*EXAMINER: Initial inference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete his form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.